

Memorandum

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To: RONGSHENG LUO
Program Manager
Transportation Modeling, Air Quality
Conformity Division, SCAG

Date: April 23, 2010
File: RIV 60-PM 17.9/18.9
SR-60 HOV Conversion and
Restriping in Moreno Valley/
EA: 08-0H3900

From: TONY LOUKA
Office Chief
Environmental Engineering- MS 824

Subject: **Request for Review by TCWG on the Proposed SR-60 HOV existing Facility Conversion from Full time Operation to Continuous Part-time Operation in Moreno Valley**

The Department of Transportation, District-8 (Caltrans), Environmental Engineering Unit is submitting the proposed substitution project to Convert Existing HOV Lane from Full time Operation to Part-time Operation with Continuous access to Interagency Consultation Group of TCWG (SCAG) for evaluation of the Criteria pollutants emissions.

Introduction

The segment of Route SR-60 in Moreno Valley between the Junction SR-60/Interstate 215 and Redlands Boulevard has a two Mixed Flow Lane and a full time Controlled access HOV lane, which is a TCM. This stretch of freeway has been experiencing heavy congestion on Peak hours as well as non-Peak hours.

The California Department of Transportation (Caltrans) is proposing to convert an existing full time HOV lane to a part time lane in both directions on an eight-mile segment of the SR-60. The proposed segment would begin just east of the SR-60 and Interstate 215 junction and would continue to Redlands Boulevard. The HOV lane would be HOV only between the hours of 6 AM and 10 AM and also between 3 PM and 7 PM. The HOV would be open to single Occupant vehicles the remaining hours of the day. Signage will be installed to inform motorists of the new hours of operation. We are also proposing to provide continuous access instead of the limited access that is present at this time.

Methodology for Analyzing Original TCM and Substitution TCM

Caltrans District 8 is proposing to Model the existing condition for Ozone and precursors, then we are proposing to model the HOV lane with Part time operation and limited access, then we are proposing to model the proposed Part time HOV lane with Continuous access. We then compare it to the existing HOV and determine whether we have kept the pollutants emissions as-is, reduced it or increased it.

If for any reason the emissions analysis results show an increase in emissions, we will provide a Replacement TCM project that will reduce emissions to compensate for the increase if any.

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As requested by Caltrans District 8, SCAG presently is working on the emissions analysis using the Regional Travel Demand model and EMFAC2007. The result of the emissions analysis is forthcoming. After we receive the results, we will make sure that the pollutant emissions will either be equal or lower than the existing condition.

Project location Map is attached separately for your information.

If you have questions and require further information please contact Edison Jaffery (909) 383-6903 or I can be reached directly at (909) 383-6385 or fax 909-383-5975

FIGURE 1: Project Vicinity Map

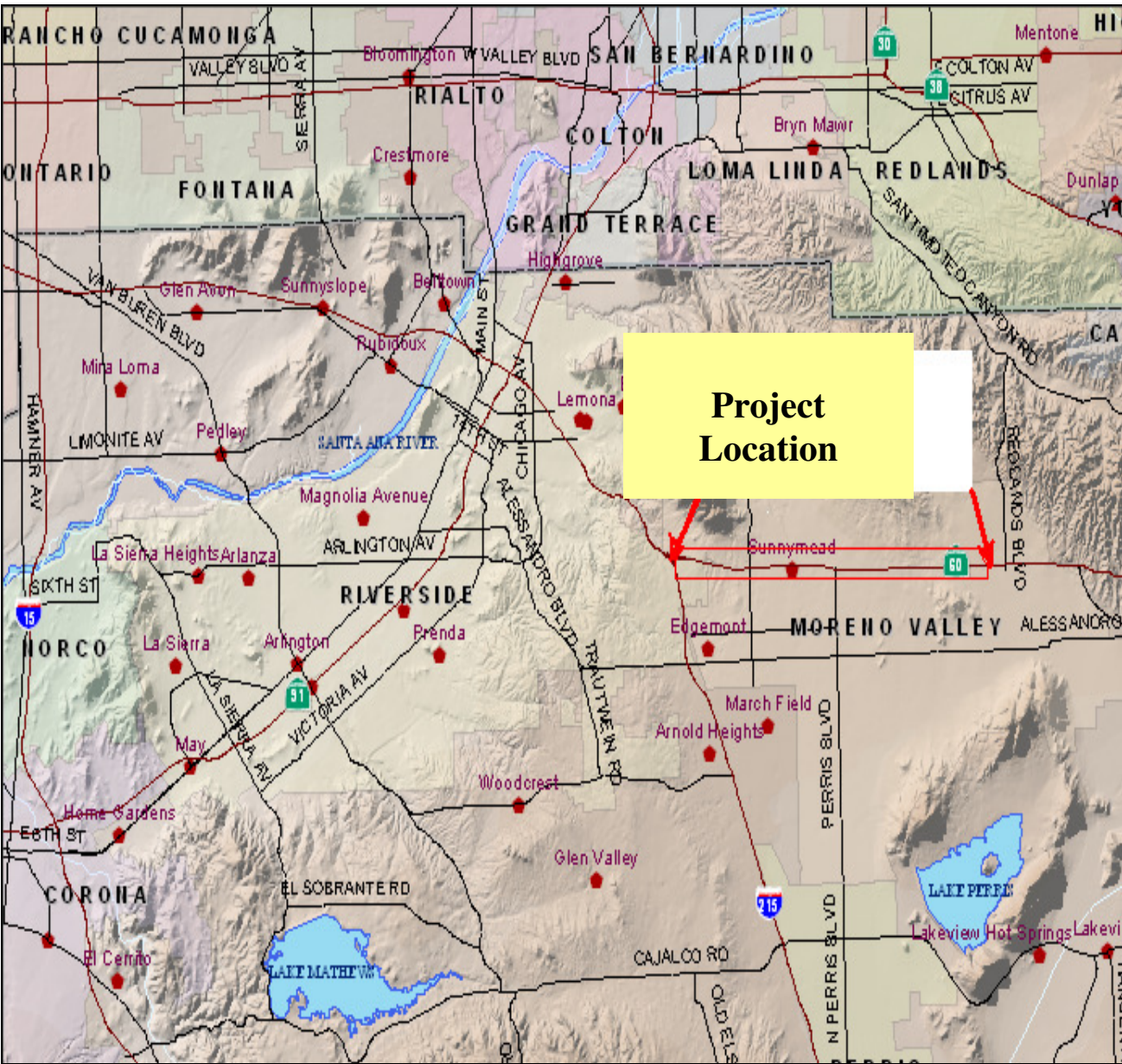


FIGURE 2: Project Location Map

